




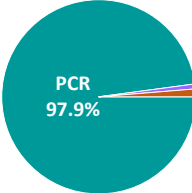




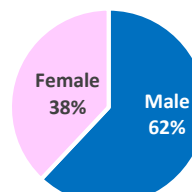




Repairing embankment following Cyclone Yaas in the south-west coast

Photo Credit: Social Media, Bangladesh

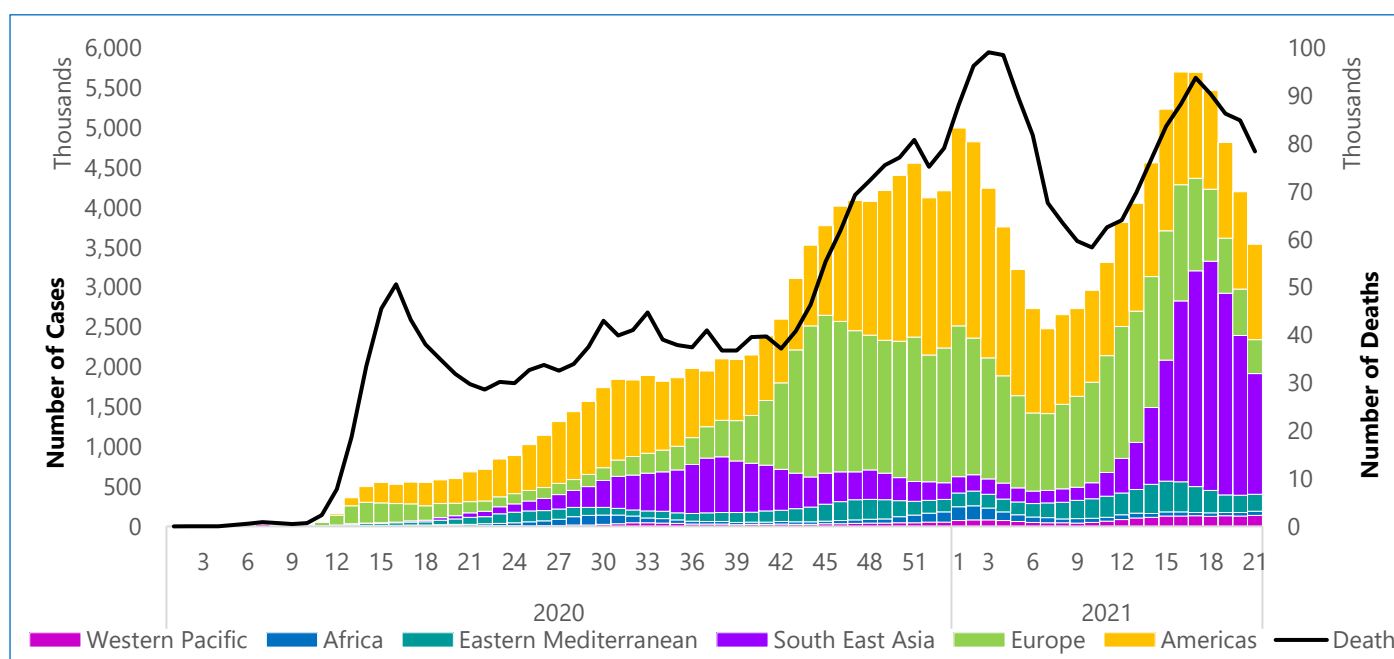
Tested	Confirmed Cases	Recovered	Death	Hotline
 5 929 335	 798 830	 738 805	 12 583	 28.2 million
Test/100 000/Week	Case/100 000/Week	Recovery Rate	CFR%	AR/100 000
64	5.7	92.5%	1.58	469
Testing Lab/Centres		Number Tests	PoE Screening	
RT PCR Lab	: 129	5 803 557		 1 608 881
GeneXpert Lab	: 43	48 869		 85 583
Rapid Antigen	: 330	76 909		 7 029
Last week daily Test average:		15 532	 516 438	
Vaccination			1 st dose by Gender	
Persons registered		7 248 829		
Vaccinated (1 st dose)		5 822 157		
Vaccinated (2 nd dose)		4 161 714		
% of Eligible received 1 st dose		11.7%		
% Eligible received 2 nd dose		8.4%		

Date Source: Directorate General of Health Services, MoHFW, Bangladesh

1. Global Situation

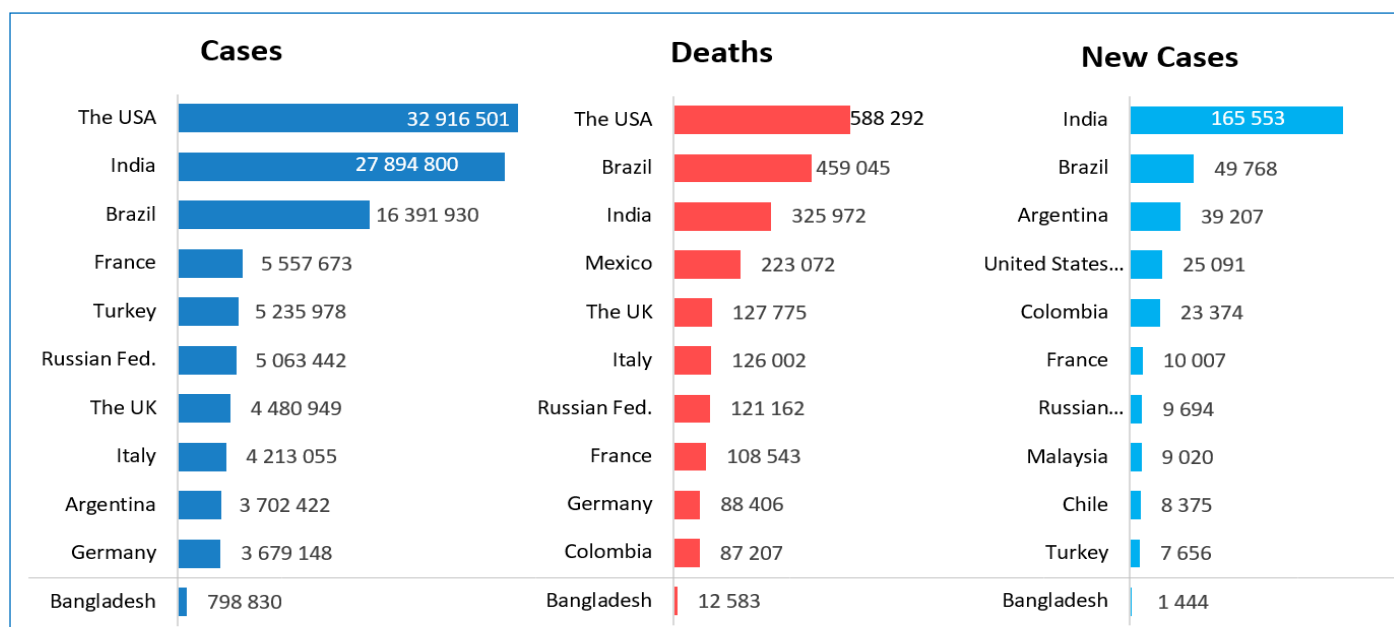
Globally, as of 30 May 2021, there have been **169 597 415** confirmed cases of COVID-19, including **3 530 582** deaths, received by the WHO from national authorities. The USA, the world's worst-hit country, has counted **32 916 501** (25 091) cases with **588 292** (743) deaths, followed by India with **27 894 800** (165 553) cases and the third-highest death of **325 972** (3 460). Brazil reported the third-highest cases of **16 391 930** (49 768) and the second-highest deaths of **459 045** (2 371).

The figure below shows the weekly Cases and Deaths from COVID-19 by the WHO region as of 30 MAY 2021



Over **3.5 million** new cases were reported last week, a **15.6%** decrease from the previous week. Weekly cases **increased** in the Africa Region by **21.6%** and in the Western Pacific Region by **5.3%**; while, weekly cases **decreased** in the European Region by **26.7%**, followed by the South East Asia Region (**24.4%**), the Eastern Mediterranean Region (**2.3%**), and the Region of Americas (**1.9%**). Globally, 116 (**49%**) countries/territories are seeing **declines** while 86 (**36%**) are experiencing **increasing** numbers of new cases; the remaining 34 (**14%**) have no growth during the reporting week.

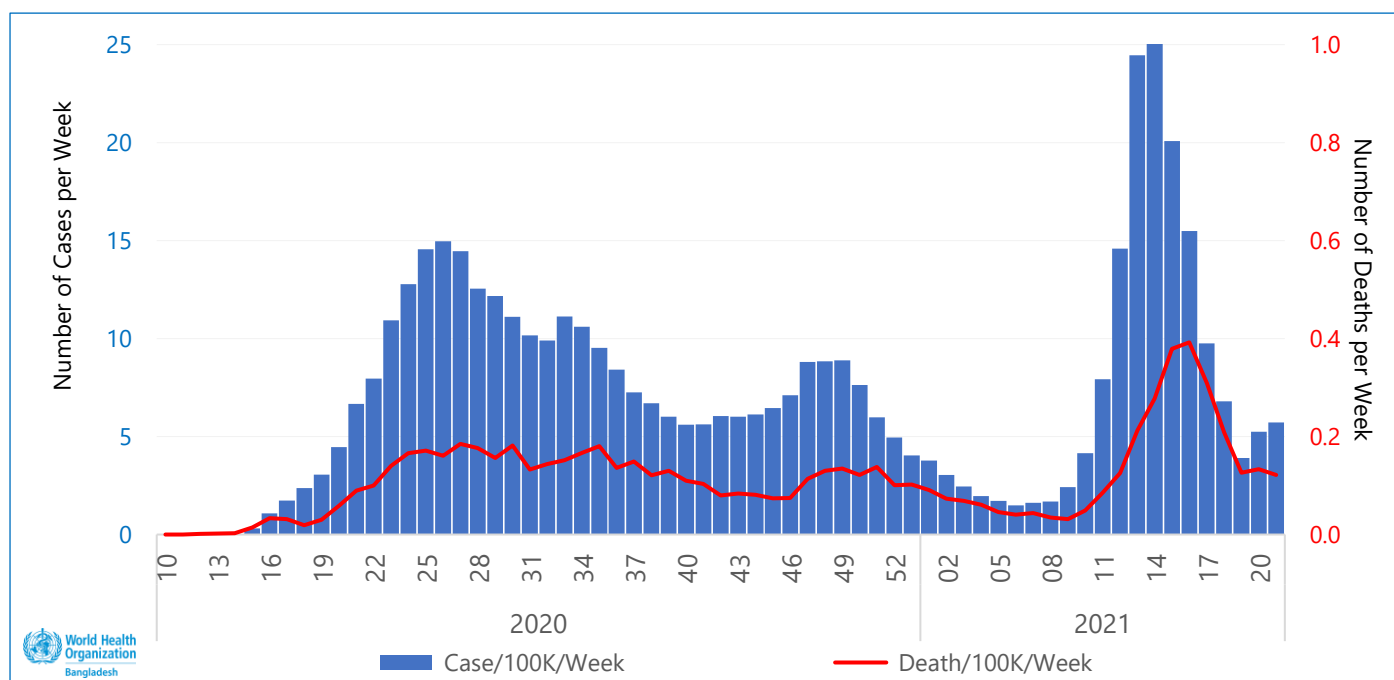
The figure below shows top-ranked countries for total Cases, Deaths, and New cases of COVID-19, 01 JAN 2020 – 30 MAY 2021



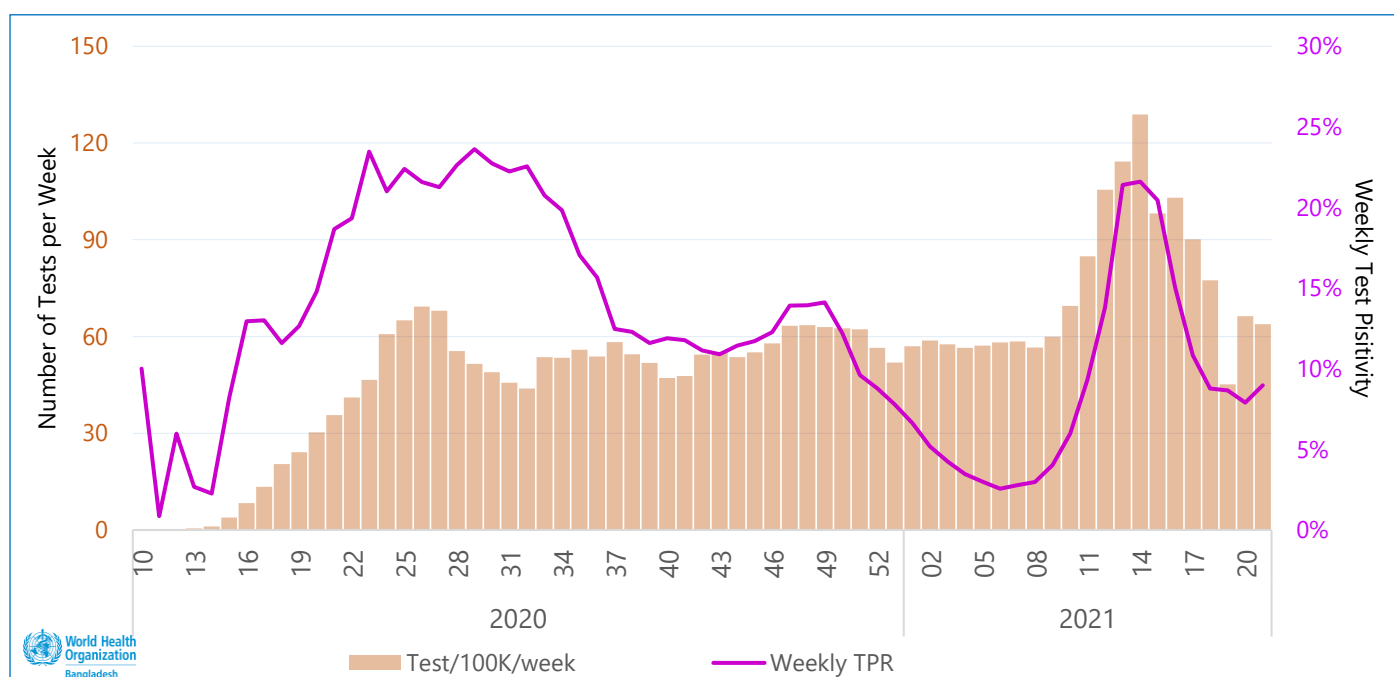
2. Bangladesh Situation

Between 8 March 2020 and 30 May 2021, according to the DGHS Press Release <<https://corona.gov.bd/press-release>> there were seven hundred ninety-eight thousand, eight hundred thirty (**798 830**) COVID-19 cases confirmed by RT-PCR, GeneXpert, and Rapid Antigen tests including twelve thousand, five hundred eighty-three (**12 583**) related deaths (**CFR 1.58%**). Bangladesh is among the top **33** countries and accounts for **0.47%** of the COVID-19 cases of the world.

The figure below is showing the trend of COVID-19 cases, deaths as of 30 MAY 2021



The graph below is showing the weekly number of samples tested and the Positivity ratio, as of 30 MAY 2021



In the past week (epidemiological week 21, 2021), Bangladesh reported **9 750** new cases, a **9.3% increase** compared to the week before; the case per 100 000 population per week is **5.7**. The country reported **207** new death, an **8.8% decrease**; death per 100 000 per week is **0.1**. The weekly new test is **108 723** (daily average: **15 532**), a **3.7% decrease** than the week before; tests per 100 000 per week is **64**; the weekly average test positivity rate (TPR) is **9.0%**, TPR **increased** by **13.5%** from last week. Overall Case Fatality Ratio (CFR) is **1.58%** which was 1.57% last week.

3. Surveillance & Laboratory

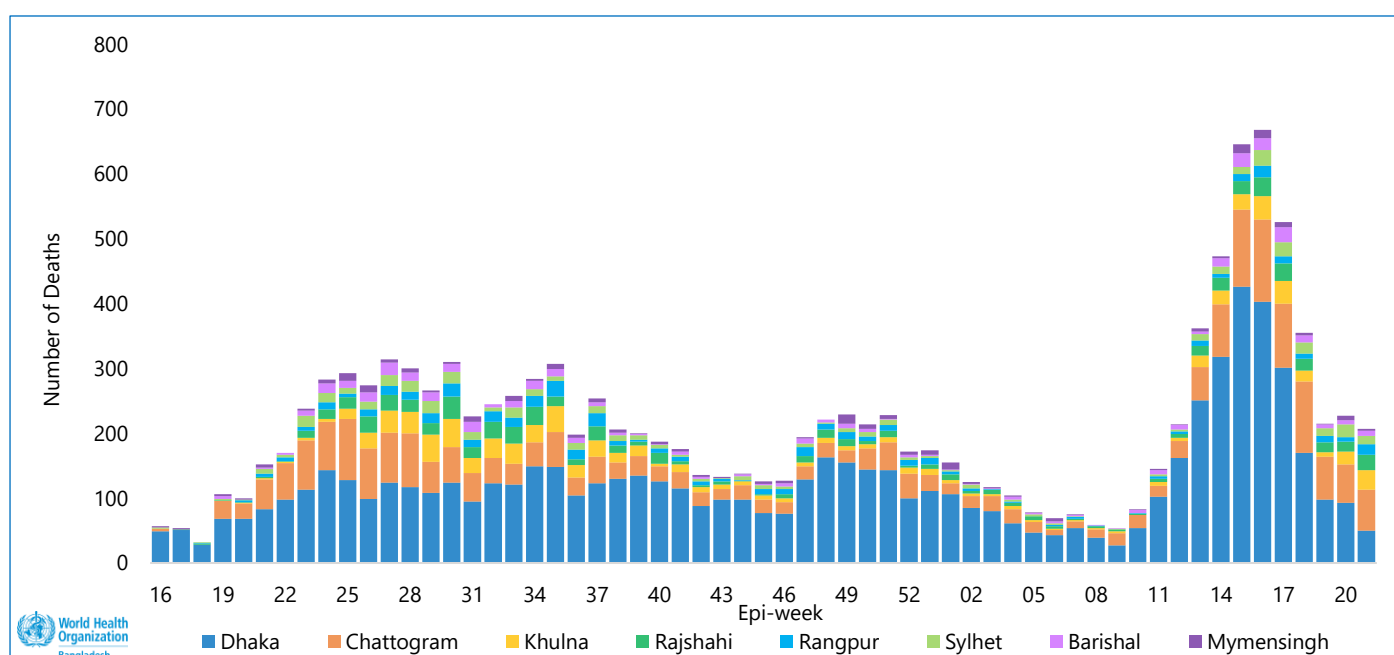
As of 30 May 2021, **70.1%** of reported cases were from Dhaka division (**60.3%** at Dhaka city), Chattogram – **12.9%**, Rajshahi – **4.4%**, Khulna – **4.2%**, Sylhet – **2.8%**, Rangpur – **2.4%**, Barishal – **1.9%** and the lowest **1.3%** from Mymensingh division. While **56.9%** of the reported death were from Dhaka division (**34.0%** at Dhaka city), Chattogram – **19.1%**, Khulna – **6.2%**, Rajshahi – **5.4%**, Rangpur – **3.7%**, Sylhet – **3.6%**, Barishal – **3.0%**, and the lowest **2.1%** from Mymensingh division.

The table below is showing the distribution of COVID-19 case and death as of 30 MAY 2021

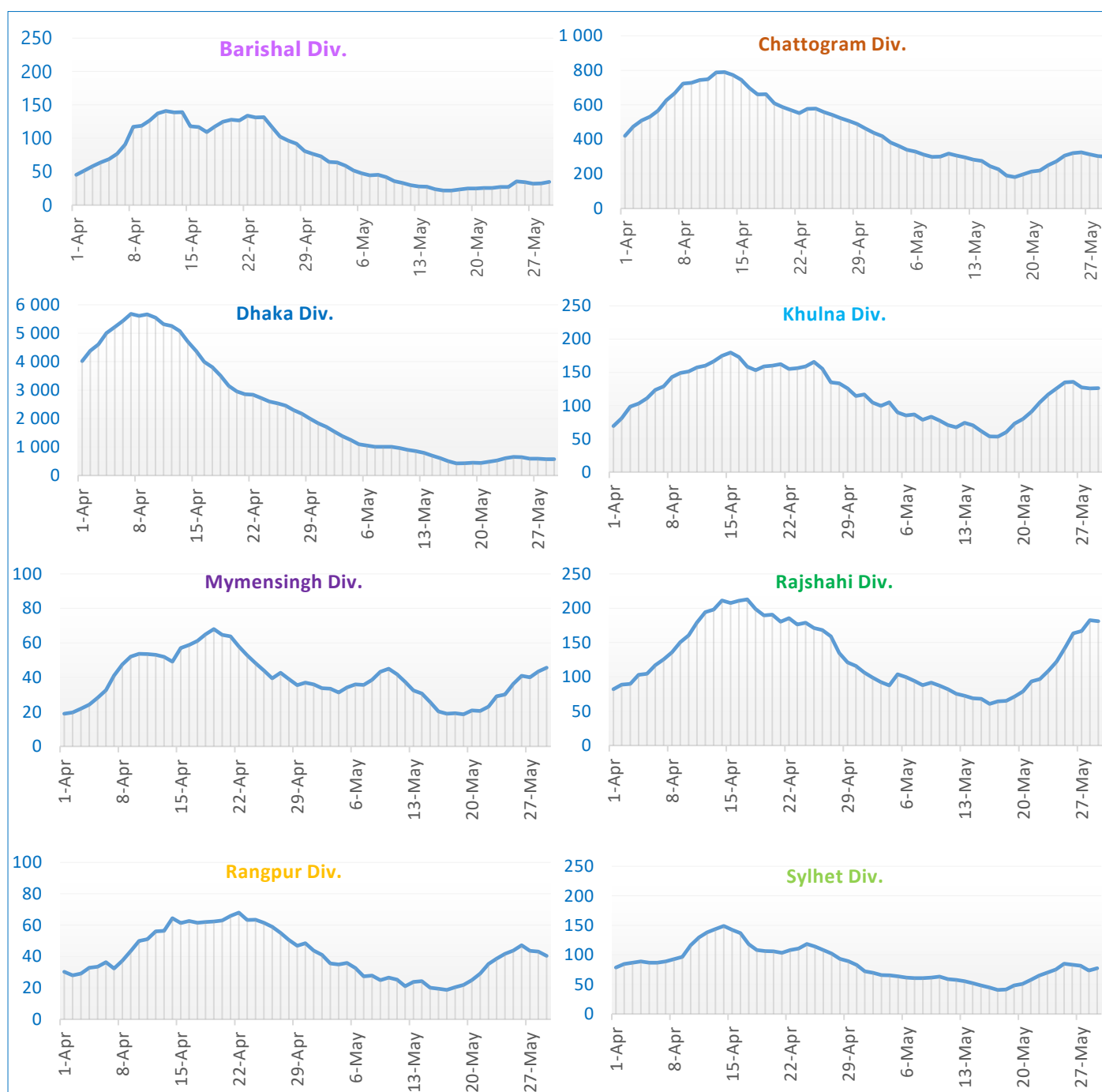
Division	08 MAR 2020 – 30 MAY 2021			Week 21 (24 – 30 MAY) 2021		
	Cases	Death	CFR (%)	Cases	Weekly Change	Death
Barishal	15 512	382	2.5%	246	30.2%	8
Chattogram	102 872	2 397	2.3%	2 059	7.9%	63
Dhaka	559 965	7 163	1.3%	3 787	-11.6%	50
Khulna	33 917	782	2.3%	1 016	24.5%	30
Mymensingh	10 530	258	2.5%	320	57.6%	3
Rajshahi	35 092	677	1.9%	1 481	95.1%	24
Rangpur	18 914	467	2.5%	297	9.6%	16
Sylhet	22 028	457	2.1%	544	10.6%	13
National	798 830	12 583	1.6%	9 750	9.3%	207

In the epi-week 21, all the divisions except Dhaka experienced an increment of weekly new cases; the highest increase observed in the Rajshahi division, **95.1%** (1 481 this week and 759 in the week before), followed by the Mymensingh division **57.6%** (320 and 203 respectively). The Dhaka division reported the highest number of new cases (3 787), **9** new cases per 100 000/week with a **decrease** of **11.6%** of weekly cases; and the Barishal division reported the lowest number (246) of new cases, **2** new cases per 100 000/week. Out of the 798 830 COVID-19 cases registered as of 30 May 2021, **92.5%** (738 805) recovered, **5.9%** (47 442) were active cases, and the remaining died (previously mentioned as CFR). In epidemiological week 21, the average number of COVID-19 weekly active cases **increased** by **3.7%** compared to the week before (**47,248** and 45 569 respectively); during the same time, weekly recovery decreased by **6.4%** (**8 108** in the current week and 8 661 in the week before).

The figure below is showing the weekly Death of COVID-19 by Division as of 30 MAY 2021



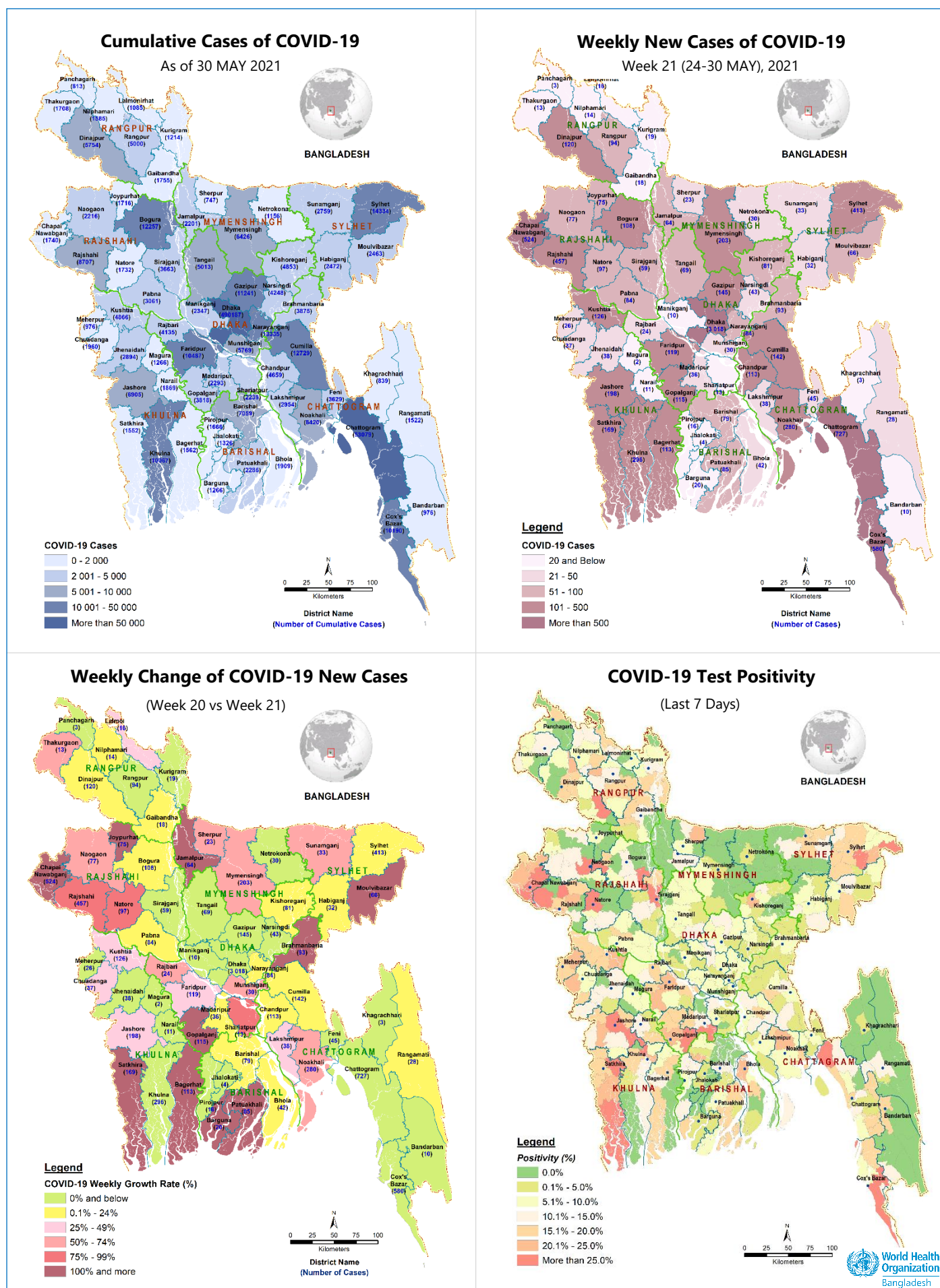
The figure below shows the trend of daily cases (7DMA) of COVID-19 by division, during 01 APR - 30 MAY 2021



The highest number of weekly cases (**47 392**) reported in the epi-week **14**, 2021 (05-11 APR), and the highest daily cases **7 626** was recorded on 07 April 2021. The highest weekly death (**668**) was recorded in week **16**, 2021 (19-25 APR), with the highest daily death of **112** on 19 April 2021. In the reported week, COVID-19 daily average cases **increased to 1 393** from 1 274 in the week before.

As of 30 May 2021, according to the DGHS Press Release, **5 929 335** COVID-19 tests (RT-PCR **97.9%**, GeneXpert **0.8%**, and Rapid Antigen **1.3%**) were conducted in Bangladesh with an overall positivity rate of 13.47% (**10.11%** in the last 24 hours) by **502** laboratories/test centres. So far, **73.0%** of the samples (4 329 518) have been tested for COVID-19 in government facilities (RT-PCR **52/129**, GeneXpert **40/43**, and Rapid Antigen **330/330**). During the last week, one (01) GeneXpert lab (Patuakhali Chest Disease Clinic, Patuakhali) and 15 Rapid Antigen test centres have been added to the network of COVID-19 testing facilities. As of 30 May 2021, the test per case is **7.4** which indicates the number of tests required to identify 1 case.

The maps below are showing the distribution of COVID-19 Cases as of 30 MAY 2021



4. Points of Entry (PoE) & Quarantine

In the reported week (week 21, 2021), the number of international flights arrived at three international airports has **increased** by 2% than the week before (147 and 144 flights, respectively), and the number of incoming passengers has **increased** by 1% (20 755 and 20 586 persons, respectively). In the reported week, **4 278** travellers were sent to Institutional Quarantine, and **17 150** sent for Home quarantine after passenger screening at the Points of Entry.

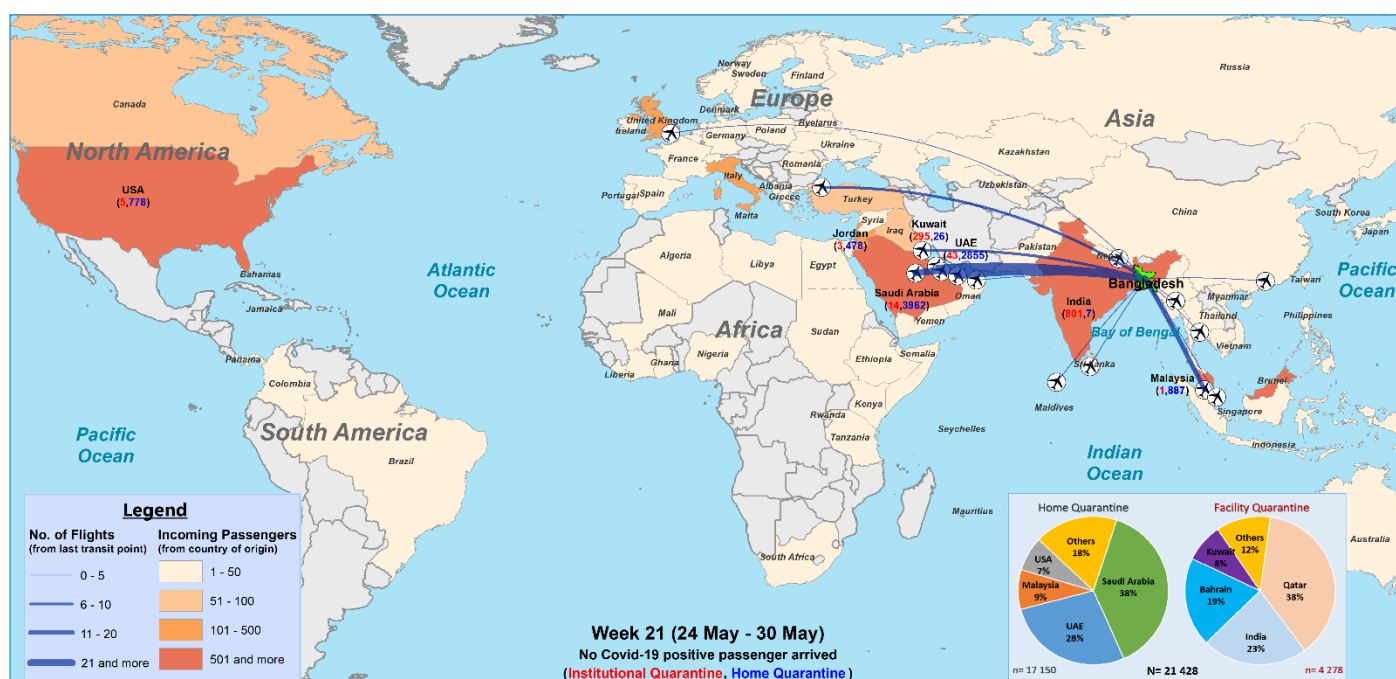
The table below is showing the Quarantine status of incoming travellers as captured through PoE Surveillance, 24 MAY – 30 MAY 2021, Bangladesh

Points of Entry	Home Quarantine	Facility Quarantine	Facility Isolation	Total Traveller
Benapole LC, Jashore	5	527	0	532
Akhaura LC, Brahmanbaria	0	141	0	141
HSIA, Dhaka	17 145	3 610	0	20 755
SAIA, Chattogram	0	0	0	0
OIA, Sylhet	0	0	0	0
Total	17 150	4 278	0	21 428

* HSIA: Hazrat Shahjalal Int'l Airport, SAIA: Shah Amanat Int'l Airport, OIA: Osmani Int'l Airport, LC: Land Crossing

According to DGHS, as of 30 May 2021, the country's current institutional quarantine capacity is represented by **629** centres across the 64 districts, receiving **31 991** persons. A total of **63385** individuals were placed in quarantine facilities, and 58 294 (**92%**) of them have already been released. Over the same period, a total of **134 378** individuals were isolated in designated health facilities, and 115 574 (**86%**) of them were released.

The map below is showing the geographical distribution of incoming flights and travellers captured through PoE Surveillance, week 21 (24 MAY – 30 MAY), 2021, Bangladesh



During the reporting week, no positive case was identified at the IHR designated PoE of the country. Out of individuals sent to Institutional Quarantine after passenger screening at active PoEs during the week, **38%** travelled from the Qatar, **23%** from India, **19%** from Bahrain, **8%** from Kuwait, **4%** from Italy, **2%** from Iraq, **1%** each from UAE, France, Turkey and Germany, and the remaining **2%** from other countries.

5. Case Management and Infection Prevention & Control

According to DGHS, as of 30 May 2021, there are **11 960** general beds dedicated to COVID-19 treatment countrywide, **17.4%** (2 356) of which are occupied. **43.2%** of the dedicated general beds are in Dhaka City. There are **1 132** dedicated ICU beds in the country, of which **29.3%** (332) are occupied; **72.8%** of the dedicated ICU beds are in Dhaka City.

The table below is showing the weekly status of bed occupancy in COVID-19 dedicated facilities in Bangladesh

	National				Dhaka			
	30-May	23-May	16-May	9-May	30-May	23-May	16-May	9-May
General beds	11 960	11 970	11 991	12 059	5 162	5 220	5 241	5 309
Empty	9 604	9 965	10 136	9 631	4 265	4 445	4 415	4 176
Gen. bed Occupancy	19.7%	16.8%	15.5%	20.1%	17.4%	14.8%	15.8%	21.3%
ICU beds	1 132	1 156	1 171	1 069	824	840	855	753
Empty	800	856	801	664	641	676	638	494
ICU bed Occupancy	29.3%	26.0%	31.6%	37.9%	22.2%	19.5%	25.4%	34.4%

6. Vaccination

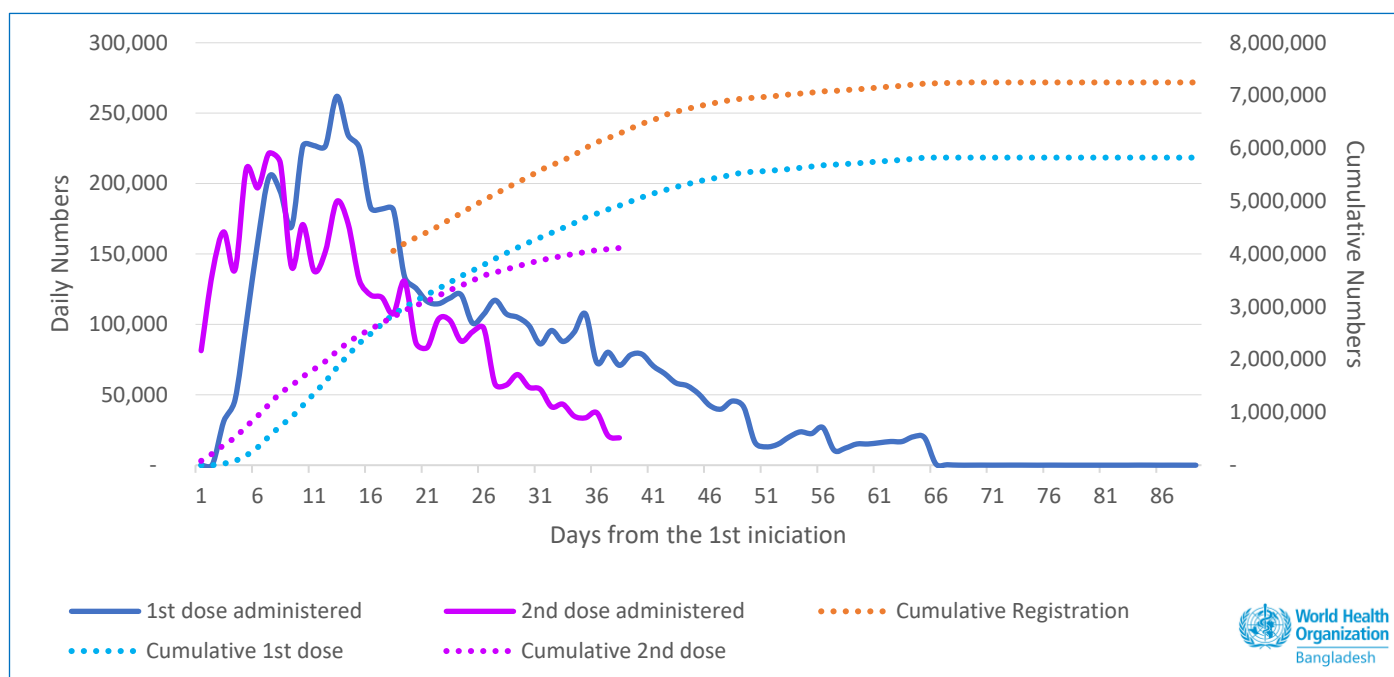
The first run of COVID-19 Sinopharm (BIBP) vaccine has launched in four government hospitals in Dhaka Metropolitan City on 25 May targeting medical, nursing, and medical technological institute students, and from 29 May Chinese citizens working in Bangladesh and involved in various development projects are receiving their 1st dose from same times. The nationwide inoculation day in the selected health facilities targeting medical, nursing, and medical technological institute students yet to be declared. As of 30 May, a total of 2 142 targeted people received Sinopharm 1st dose, out of which 1 570 are male and 572 are female. Besides that, Oxford/AstraZeneca (COVISHIELD) 2nd dose vaccination has been continuing in the whole country. Since the beginning, as of 30 May 2021, a total of **9 981 729** doses COVISHIELD vaccine were administered, out of which 5 820 015 population received their 1st dose and 4 161 714 completed for their two doses schedule. Total 3 609 065 (**62%**) male and 2 210 950 (**38%**) female received their 1st dose of vaccine, while 2 660 707 (**64%**) males and 1 501 007 (**36%**) females received their 2nd doses of vaccine. On 27 May 2021, the Directorate General of Drug Administration has authorized the emergency use of the Pfizer-BioNTech COVID-19 vaccine. The country is going to receive **100 620** doses of Pfizer vaccine from the COVAX Facility on 31 May 2021.

The table below shows the utilization of Oxford/AstraZeneca (COVISHIELD) vaccine doses, 27 JAN – 30 MAY 2021

Division	1 st dose administered	% of population* taken the 1 st shot	2 nd dose administered	% of population* taken the 2 nd shot
Barishal	251 345	8.8%	177 286	6.2%
Chattogram	1 178 204	12.0%	848 170	8.7%
Dhaka	1 808 078	14.4%	1 450 102	11.6%
Khulna	731 089	13.5%	489 802	9.1%
Mymensingh	289 233	7.6%	187 046	4.9%
Rajshahi	663 967	10.4%	406 196	6.4%
Rangpur	596 943	11.0%	384 271	7.1%
Sylhet	301 156	8.8%	218 841	6.4%
Total	5 819 971	11.7%	4 015 522	8.1%

*Eligible population >40 years old

The figure below shows the trend of the daily number of COVID-19 vaccine administered, as of 30 MAY 2021



7. Research

Bangladesh opted to participate in WHO Solidarity Trial and WHO Unity studies since the beginning of the pandemic. Recruitment of patients under the Solidarity trial will resume in 2021 after necessary approvals—on the revised protocol that includes new trial therapeutics—are received and trial drugs are available. The data for the forcibly displaced Myanmar nationals seroprevalence study is complete and the results will be disseminated after validation of antibody test results. In addition, data collection of healthcare worker COVID-19 infection risk factors will be completed soon. Data collection for graveyard studies on COVID-19 and non-COVID-19 deaths has started. Protocol of COVID-19 effectiveness study is being finalized jointly by DGHS and WHO. Data collection will start after necessary approvals. The findings of most of these studies are expected to be available by the last quarter of 2021. The study findings are expected to contribute to COVID-19 policies and programmes and also to prepare Bangladesh and the globe for similar future pandemics. The studies are supported by WHO both technically and financially.

Coordinating and networking with researchers of COVID-19 through monthly meetings has been going on since 2021. To date, 5 such meetings have been conducted virtually where researchers have shared information on more than 22 studies on COVID-19 conducted through partnership among Government, national and international NGOs, and UN organizations in Bangladesh.

8. Useful links for more information

- WHO Bangladesh COVID-19 Situation Reports:
[https://www.who.int/bangladesh/emergencies/coronavirus-disease-\(covid-19\)-update/coronavirus-disease-\(covid-2019\)-bangladesh-situation-reports](https://www.who.int/bangladesh/emergencies/coronavirus-disease-(covid-19)-update/coronavirus-disease-(covid-2019)-bangladesh-situation-reports)
- WHO Cox's Bazar Situation reports:
<https://ln2.sync.com/dl/f33b85a60/99r3nuhb-zebna3tg-kun4acy3-mvyxqv56>
- COVID-19 Situation in the WHO South-East Asia Region:
<https://experience.arcgis.com/experience/56d2642cb379485ebf78371e744b8c6a>
- WHO global Weekly Epidemiological Update and Weekly Operational Update:
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports/>

- WHO Bangladesh awareness and risk communication materials in Bengali:
[https://www.who.int/bangladesh/emergencies/coronavirus-disease-\(covid-19\)-update](https://www.who.int/bangladesh/emergencies/coronavirus-disease-(covid-19)-update)
- COVID-19 WHO Online *Training modules*:
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/training/online-training>
- COVID-19 updates from the Directorate General of Health Services, Ministry of Health and Family Welfare, Government of The People's Republic of Bangladesh:
<https://dghs.gov.bd/index.php/en/component/content/article?id=5393>
- Institute of Epidemiology, Disease Control and Research (IEDCR):
<https://iedcr.gov.bd/covid-19/covid-19-general-information>